



## Features

- Nationstar Encapsulation
- Seamless Splicing
- Anti-Reflection Mask
- Magnetic Front Service
- Front/Rear Access
- Noiseless Operation
- 3 Years Standard Warranty (extendable up to 5 years)

The Orion P1.5 Indoor Rigel Series is engineered for superior indoor display performance, especially in environments with strong ambient lighting. Its specialized mask design effectively reduces light reflection, ensuring clear and vivid visuals. Equipped with black 3-in-1 SMD LEDs, the display delivers a wide viewing angle. Components such as Nationstar LED chips and encapsulation, a 4-layer PCB, and the ICN2153 driver IC ensure stable performance and long-lasting visual excellence. The modular cabinet design allows for flexible sizing, making custom configurations easy to implement. Built with advanced surface mount technology, the system ensures precise paste application, automatically rejecting any defects to maintain high production yield.

### Technical Specification

S.NO.	Product Parameter	SMD P1.5
1	Pixel Pitch in mm	1.5
2	Pixel Density in sqm	4,44,000
3	Module Size in mm	320X160
4	Cabinet Size in mm	640X480
5	Cabinet Weight in KG	6.5
6	Viewing Angle in H/V	160/140
7	Brightness in cd/sqm	700
8	Color Depth	14 bit
9	Refresh Rate in Hz	≥3840
10	Voltage	220v
11	Avg. Power Consumption (W)	225
12	Max Power Consumption (W)	650
13	Service Excess	Front
14	IP Grade Front/Rear	31/31
15	Operating Temperature (-/+)	0°C~+50°C
16	Operating Humidity	0-50%
17	Life Time in hrs	1,00,000
18	MTBF in hrs	5,000
S.No.	Component Parameter	SMD P1.5
1	LED Chip	Nationstar Copper
2	PCB	4 layer
3	Driver IC	ICN/DP/MBI
4	Power Supply	Chuangliang
5	Controller	Nova
6	Cabinet Material	Die Cast

Specifications and product information are subject to change without prior notice due to ongoing innovation and development. For the most up-to-date details, please visit [www.orion-led.com](http://www.orion-led.com).



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